

# Objectiv

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- e To provide an understanding of the Occupational Safety and Health Administration (OSHA) standards of identifying goals of the hazard communication standard and describe each action required. In a classroom environment given summary sheets. You must demonstrate your knowledge by answering questions about hazardous chemicals, how to work safely, and where to find information about chemicals, how to reduce injury and illness, how to evaluate chemical hazards, and establish



## **Hazard Communication** **standard**

It requires that you be:

- Informed about hazardous chemicals in your workplace.
- Trained to work safely with these materials
- Aware of where to find information on any hazard you are unsure of.



## **Hazard Communication** **standard goals**

- Reduce injury and illness caused by hazardous chemicals in the workplace.
- Identify and evaluate chemical hazards.
- Establish uniform requirements for informing leaders and personnel about chemical hazards.



## **Chain of command** **requirements**

- Make sure that containers of hazardous chemicals are marked.
- Inform and train soldiers.
- Maintain an up-to-date list of all hazardous chemical materials.
- Maintain a written local Hazard Communication Program.



## **Recognize potential chemical hazards**

- Recognize the forms that chemicals can take.
- Identify how liquids and solids become airborne.
- Identify sources of mist, vapors, dusts, and fumes in the workplace.
- Identify the ways chemicals enter the



## **Recognize potential chemical hazards**

- Recognize the difference between physical hazards and health hazards.
- Identify an example of both types of hazards.



## **Preventive measures and protective equipment**

- Identify examples of substitution, isolation, and ventilation controls.
- Identify example of protective equipment.



## **Review**

1. Which of the following are goals of the Hazard communication Standard?

A. Reduce illness and injury caused by chemical

hazards in the workplace.

B. Identify and evaluate chemical hazards.

C. Prevent the use of hazardous chemicals in the

workplace.





## Review

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2. Classify each substance as either a SOLID (S),

a LIQUID(L), OR A gas (G).

\_\_\_\_\_ Glue                      \_\_\_\_\_ Engine  
Exhaust

\_\_\_\_\_ Solvent                      \_\_\_\_\_ Scouring  
Powder

\_\_\_\_\_ Gasoline                      \_\_\_\_\_ Dust



## Review

- Recognize the <sup>W</sup>forms that chemicals can take.
- Identify how liquids and solids become airborne.
- Identify sources of mist, vapors, dusts, and fumes in the workplace.
- Identify the ways chemicals enter the body.



## Review

5. Which of the following terms identify a HEALTH hazard associated with exposure to hazardous chemicals?

- A. Explosives
- B. Irritation
- C. Flammable Gases
- D. Gasoline



## Review

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6. Which of the following terms describe a PHYSICAL hazard of a hazardous chemical?

- A. Water-Reactive
- B. Spontaneously Combustible
- C. Corrosive



## Review

7. Match the application with the type of control method.

\_\_\_\_\_ Using steam cleaning  
A) Personal

\_\_\_\_\_ instead of solvent-  
Protective  
\_\_\_\_\_ based cleaning.

\_\_\_\_\_ Wearing chemical \_\_\_\_\_ B)  
Substitution  
\_\_\_\_\_ splash goggles.

\_\_\_\_\_ Using a ventilation C) Isolation  
system to remove



## Review

8. If you suspect <sup>W</sup>that the materials you are working with or the operation you are performing is producing a chemical hazard you are not familiar with, what should you do?

- A. Ask your immediate supervisor.
- B. Check the hazardous material information in the shop files.
- C. Contact the unit safety officer.
- D. All of the above.

# Summary

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- A. Hazard communication Standard
- B. Information required on hazardous materials and where to find it.
- C. Potential physical/health hazards.